

Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

☒ Declaration Submitted with Initial Filing
OR
☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number

D5219

First Named Inventor

Ning Lei

COMPLETE IF KNOWN

Application Number

Filing Date

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD AND APPARATUS FOR FLEXIBLY REGULATING INTERNAL COMBUSTION
ENGINE VALVE FLOW

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or D sign Patent Application

Direct all correspondence to:

☒ Customer Number
or Bar Code Label



OR ☐

Correspondence address below

Name

Gilberto Hernandez

30409

PATENT TRADEMARK OFFICE

Address

International Truck and Engine Corporation

Address

4201 Winfield Rd.

City

Warrenville

State

IL

ZIP

60555

Country

U.S.A.

Telephone

630/753-2241

Fax

630/753-3982

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR :

☐ A petition has been filed for this unsigned inventor

Given Name

Ning

Family Name
or Surname

Lei

(first and middle [if any])

Inventor's
Signature

Ning Lei

Date

2/28/02

Residence: City

Oak Brook

State

IL

Country

USA

Citizenship

United States

Mailing Address

7 Charleton Place

Mailing Address

City

Oak Brook

State

IL

ZIP

60523

Country

U.S.A.

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name

Qianfan

Family Name
or Surname

Xin

(first and middle [if any])

Inventor's
Signature

Xin, Qianfan

Date

02/28/02

Residence: City

Lake Zurich

State

IL

Country

USA

Citizenship

P.R. China

Mailing Address

739 Foxmoor Lane

Mailing Address

City

Lake Zurich

State

IL

ZIP

60047

Country

United States

☐ Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

Please type a plus sign (+) inside this box → ☐

PTO/SB/81 (10-00)
Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	
Filing Date	
First Named Inventor	Ning Lei
Group Art Unit	
Examiner Name	
Attorney Docket Number	D5219

I hereby appoint:

☒ Practitioners at Customer Number

30409

Place Customer
Number Bar Code
Label here
30409

☐ Practitioner(s) named below:

PATENT TRADEMARK OFFICE

Name	Registration Number
Dennis Kelly Sullivan	26,510
Jeffrey P. Calfa	37,105
Neil Powell	45,202
Gilberto Hernandez	46,483

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

<input type="checkbox"/> Firm or Individual Name	International Engine Intellectual Property Company, L.L.C.				
Address	P.O. Box 1488				
Address	4201 Winfield Rd.				
City	Warrenville	State	IL	Zip	60555
Country	U.S.A.				
Telephone	630/753-2241	Fax	630/753-3982		

I am the:

☒ Applicant/Inventor.


☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Ning Lei
Signature	<i>Ning Lei</i>
Date	2/28/02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of 2 forms are submitted.

Please type a plus sign (+) inside this box 

PTO/SB/81 (10-00)
Approved for use through 10/31/2002. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it display a valid OMB control number.

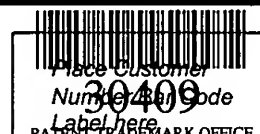
POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	
Filing Date	
First Named Inventor	Ning Lei
Group Art Unit	
Examiner Name	
Attorney Docket Number	D5219

I hereby appoint:

☒ Practitioners at Customer Number **30409**
OR

☐ Practitioner(s) named below:



Name	Registration Number
Dennis Kelly Sullivan	26,510
Jeffrey P. Calfa	37,105
Neil Powell	45,202
Gilberto Hernandez	46,483

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

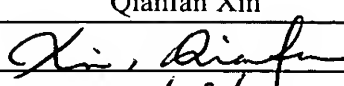
<input type="checkbox"/> Firm or Individual Name	International Engine Intellectual Property Company, L.L.C.				
Address	P.O. Box 1488				
Address	4201 Winfield Rd.				
City	Warrenville	State	IL	Zip	60555
Country	U.S.A.				
Telephone	630/753-2241	Fax	630/753-3982		

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Qianfan Xin
Signature	
Date	02/28/02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 2 forms are submitted.